

# ABSTRACT OF THE DISCLOSURE

An image file control method for storing plural sets of image data wherein each of plural sets of image data is obtained in such a way that a body part of a patient having an ID code is radiographed with a magnification by an absorption contrast radiography or a phase contrast radiography so as to obtain a radiation image of the body part and the radiation image is read with a reading sampling pitch by an image reading device so that the image reading device outputs raw image data of the body part; comprising step of; storing plural sets of raw image data by attaching supplemental information to each of plural sets of raw image data, wherein the supplemental information contains an ID code of a patient and at least one of a set of a magnification and the reading sampling pitch and a full size sampling pitch calculated from the set of the magnification and the reading sampling pitch.